

DOCKET NO.: FCI-2714/C3549

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Steven E. Minich, et al.

Application No.: 10/634,547

Filing Date: August 5, 2003

**For: ELECTRICAL CONNECTORS HAVING CONTACTS THAT MAY BE
SELECTIVELY DESIGNATED AS EITHER SIGNAL OR GROUND
CONTACTS**

Confirmation No.: 6034

Group Art Unit: 2833

Examiner: Luebke, Renee S

DATE OF DEPOSIT: 12-15-2004

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TYPED NAME: Joseph R. Condo
REGISTRATION NO.: 42,431

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

☐ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified

application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

☒ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☒ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

☒ Copies of reference numbers **50 thru 52, 63 thru 66** listed on the attached Form PTO-1449 are enclosed herewith.

☒ Copies of reference numbers **40 thru 49, 53 thru 62, 67 thru 83** on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).


☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for

which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

English language abstracts have been provided for reference(s) **50, 52, 63 thru 66**, which are not in the English language.

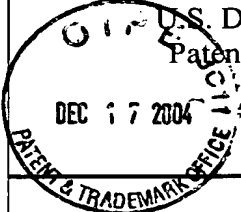
Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

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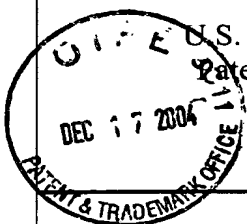


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| Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) | | | | Docket No. FCI-2714/C3549 | | Application No. 10/634,547 | |
|---|----|-----------------|----------|--|-------------|--------------------------------------|--|
|  U.S. Department of Commerce Patent and Trademark Office | | | | Applicant Steven E. Minich, et al. | | | |
| | | | | Filing Date August 5, 2003 | | Group 2833 | |
| | | | | Confirmation No. 6034 | | | |
| U. S. PATENT DOCUMENTS | | | | | | | |
| Examiner Initial | | Document No. | Date | Name | Class | Subclass | |
| | 40 | 6,123,554 | 09/26/00 | Ortega, et al. | 439 | 79 | |
| | 41 | 6,212,755 B1 | 04/10/01 | Shimada, et al. | 29 | 527.1 | |
| | 42 | 6,220,896 B1 | 04/24/01 | Bertoncini, et al. | 439 | 608 | |
| | 43 | 6,347,952 B1 | 02/19/02 | Hasegawa, et al. | 439 | 608 | |
| | 44 | 6,379,188 B1 | 04/30/02 | Cohen, et al. | 439 | 608 | |
| | 45 | 6,431,914 B1 | 08/13/02 | Billman | 439 | 608 | |
| | 46 | 6,435,914 B1 | 08/20/02 | Billman | 439 | 608 | |
| | 47 | 6,461,202 B2 | 10/08/02 | Kline | 439 | 701 | |
| | 48 | 6,471,548 B2 | 10/29/02 | Bertoncini, et al. | 439 | 608 | |
| | 49 | 6,554,647 B1 | 04/29/03 | Cohen, et al. | 439 | 607 | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| Examiner Initial | | Document No. | Date | Country | Translation | | |
| | | | | | YES | NO | |
| | 50 | EP 0 273 683 A2 | 07/06/88 | EPO | | | |
| | 51 | JP 06-236788 | 08/23/94 | Japan | X(Abstract) | | |
| | 52 | JP 07-114958 | 05/02/95 | Japan | X(Abstract) | | |
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| | Applicant Steven E. Minich, et al. | |
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| | Confirmation No. 6034 | |



U. S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass |
|------------------|----|-----------------|----------|----------------------|-------|----------|
| | 53 | 2003/0143894 A1 | 07/01/03 | Kline, et al. | 439 | 608 |
| | 54 | 2003/0220021 A1 | 11/27/03 | Whiteman, Jr. et al. | 439 | 608 |
| | 55 | 4,076,362 | 02/28/78 | Ichimura | 339 | 75 |
| | 56 | 4,159,861 | 07/03/79 | Anhalt | 339 | 75 |
| | 57 | 4,402,563 | 09/06/83 | Sinclair | 339 | 75 |
| | 58 | 4,560,222 | 12/24/85 | Dambach | 339 | 75 |
| | 59 | 4,815,987 | 03/28/89 | Kawano, et al. | 439 | 263 |
| | 60 | 4,867,713 | 09/19/89 | Ozu, et al. | 439 | 833 |
| | 61 | 4,907,990 | 03/13/90 | Bertho, et al. | 439 | 851 |
| | 62 | 6,139,336 | 10/31/00 | Olson | 439 | 83 |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Country | Translation | |
|------------------|----|----------------|----------|---------|-------------|----|
| | | | | | YES | NO |
| | 63 | JP 2000-003743 | 01/07/00 | Japan | X(Abstract) | |
| | 64 | JP 2000-003744 | 01/07/00 | Japan | X(Abstract) | |
| | 65 | JP-2000-003745 | 01/07/00 | Japan | X(Abstract) | |
| | 66 | JP-2000-003746 | 01/07/00 | Japan | X(Abstract) | |
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| | Confirmation No. 6034 | |



U. S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass |
|------------------|----|--------------|----------|---------------------|-------|----------|
| | 67 | 3,286,220 | 11/15/66 | Marley, et al. | 439 | 680 |
| | 68 | 4,383,724 | 05/17/83 | Verhoevan | 439 | 510 |
| | 69 | 4,973,271 | 11/27/90 | Ishizuka, et al. | 439 | 839 |
| | 70 | 5,254,012 | 10/19/93 | Wang | 439 | 263 |
| | 71 | 5,302,135 | 04/12/94 | Lee | 439 | 263 |
| | 72 | 5,431,578 | 07/11/95 | Wayne | 439 | 259 |
| | 73 | 5,475,922 | 12/19/95 | Tamura, et al. | 29 | 881 |
| | 74 | 5,558,542 | 09/24/96 | O' Sullivan, et al. | 439 | 682 |
| | 75 | 5,971,817 | 10/26/99 | Longueville | 439 | 857 |
| | 76 | 6,050,862 | 04/18/00 | Ishii | 439 | 843 |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Country | Translation | |
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U. S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass |
|------------------|----|--------------|----------|----------------------|-------|----------|
| | 77 | 3,538,486 | 11/03/70 | Shlesinger, B.E. Jr. | 439 | 268 |
| | 78 | 5,174,770 | 12/29/92 | Sasaki, et al. | 439 | 108 |
| | 79 | 5,730,609 | 03/24/98 | Harwath, Frank A. | 439 | 108 |
| | 80 | 6,350,134 B1 | 02/26/02 | Fogg, et al. | 439 | 79 |
| | 81 | 6,572,410 B1 | 06/03/03 | Volstorf, et al. | 439 | 608 |
| | 82 | 6,652,318 B1 | 11/25/03 | Winings, et al. | 439 | 608 |
| | 83 | 6,692,272 B2 | 02/17/04 | Lemke, et al. | 439 | 108 |
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FOREIGN PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Country | Translation | |
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